

Application No. 10/802,798
Amendment Dated March 10, 2006
Reply to Office Action of December 14, 2005

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (previously amended) A multifunction product (MFP) for use as at least two among a scanner, a copying machine, a printer, and a facsimile, according to a selection by a user, the MFP comprising:
 - a main machine;
 - a flat bed for mounting a document on an upper part;
 - a flat bed cover with one end being hinge-joined to the main machine, the flat bed cover for opening and closing the flat bed;
 - a scanner for scanning a document set on the flat bed, and converting an optical signal obtained from the scanning into an electrical signal;
 - a printing unit closely installed on a lower part of the scanner;
 - a paper feeder for supplying a paper to the printing unit; and
 - a discharged paper tray forming a substantial portion of a rear wall of the main machine, the discharged paper tray being formed at a predetermined sloping angle to receive in a paper delivering direction a paper that has been printed at the printing unit and the discharged paper tray being projected on one side of the main machine to prevent interference to a conveyance along a delivery path of the scanner with a backside wall facing a front end of a paper to be printed and extending upward higher than the scanner to support a received paper.
2. canceled
3. (original) The MFP according to claim 2, wherein
 - the discharged paper tray is configured such that an inclination angle of the backside wall has a value from at or about 45° to at or about 85° with respect to a horizontal position.

4. (original) The MFP according to claim 1, wherein
the discharged paper tray is configured such that an inclination angle of the
backside wall has a value from at or about 45° to at or about 85° with respect to
a horizontal position.
5. (original) The MFP according to claim 1, wherein the printing unit comprises:
an optical scanner;
an image bearing body for forming an electrostatic latent image on a surface with
a light generated from the optical scanner;
a developing unit for forming a visual image by supplying a toner to the image
bearing body;
a transferring unit for transferring the visual image to a paper provided from the
paper feeder;
a fuser for applying high temperature and high pressure onto the paper; and
a paper discharging unit for discharging the paper outside of the main machine.
6. (original) The MFP according to claim 5, wherein
a delivering path between the paper feeder and the fuser is formed in, or
substantially formed in, a U shape.
7. (original) The MFP according to claim 1, wherein the discharged paper tray
comprises:
a door installed on a backside wall, for being opened and closed for the removal of
a jammed paper.
8. (original) The MFP according to claim 7, wherein
the door is hinge-joined to the backside wall to be rotated to an open position by
its own weight upon an opening operation.

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9. (previously amended) A multifunction product (MFP) having a first position including a paper feeder to hold a paper for printing, a second position in which a printing unit is installed to receive the paper and form a visual image on the received paper, and a third position in which a flat bed is installed as a document mounting means and a scanner including a reading-out means is also installed, the MFP comprising:
 - a discharged paper tray for forming a substantial portion of a rear wall of either the second position or the third position.
10. canceled
11. (original) The MFP according to claim 9, wherein
 - the discharged paper tray is configured such that a backside wall of the discharged paper tray contacting a front end of a discharged paper from the printing unit is extended to exceed a height of the third position where the scanner is installed, to prevent an interference with the paper discharged from the printing unit along a delivering path of the scanner.